Islington College

Information System

CC4002NI

COURSEWORK

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Submitted To:

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PROPOSAL:

PURPOSE:

The ultimate goal of the course work is to present a website on the basis of our knowledge of HTML5,CSS and Javascript. Through hypertext markup language I can present this website in this report Hypertext Markup Language, a standardized system for tagging text files to achieve font, colour, graphic, and hyperlink effects on World Wide Web pages.Not only HTML source code but its CSS(Cascade Style Sheet) and JS(Java Script) will also be equally explained and demonstrated in this coursework for the website.

starting with wireframe also known as a page schematic or screen blueprint, is a visual guide that represents the skeletal framework of a website) followed by assets(like images) which will help any developer to understand more about the website that's written in HTML. In conclusion, reasonable information structures like comments will likewise be chosen and testing for the website will likewise be finished with its testing heading and individual screenshots of the website.

PROBLEMS STATEMENT:

Python is a different programming language so it's an issue to compose coding in python as it has its own sentence structure, capacities numerous more guidelines to be taken after. This issue will be comprehended by the assistance of our module leader and tremendous measure of research as well as the assignment that we had previously done which was given by our teacher will also come in aid.

AIMS AND OBJECTIVES:

Aims and goals of this coursework are as follows:

- Understanding of the basic Internet technologies and the impacts that the Internet has made in business and society as a whole.
- Competency in designing a website with appropriate tools and technologies..
- Capabilities of applying scripting languages to web pages..
- Understand the structure of the web site and simple navigation principles..
- Awareness of website design considerations: e.g. usability and accessibility..

PROPOSED APPROACH:

The approach section is the heart of most proposals. It is vital because it describes the work to be done and details the methodologies or tasks for performing the work

SCOPE OF THE PROJECT:

At the end of the report, this document will give a full detailed report of a website design based on a social media and public blog that will include its signup-page, login-part, and the timeline-part, graphical representation of the wireframes that are used ,to develop throughout the coding part .Also the scope of the project includes web applications, desktop applications, hardware programming, data science, machine learning and deep learning.

TARGET AUDIENCE:

The main aim of this project is to target all ages of people to get to know each other and also raise a public awareness.When people share about the different places ,they share different views points and culture of their places.Which people can thoroughly go through and be knowledged aboout those places.

SOFTWARES AND HARDWARES REQUIRED:

To build up the program, I require an editor that supports HTMl ,HTMl5,CSS and JS. All my source code for the website will be done in the editor. Different virtual products or applications such as Balsamiq Mocups 3 will be required to alter the report and additionally present the wire frames.

PLANNING AND TIMESCALE:

Starting, I will finish the research work about covering all the prerequisite for both the report and programming portion of this coursework. After that the gathered assets will be investigated and compressed by the necessities of the coursework. My next objective will be to build up the

program which will likewise have some procedure and hence take maximum amount of my time. I will compose the calculation and wireframe at that point compose the website as per both of it. After that I will show the website with appropriate stylesheets and design. At long last, I will compose the report and place every one of my works set up to submit. Prior to that I will counsel and check for inputs from my module pioneer for any conceivable change in my coursework and after that I will present my work to the RTE bureau of the information system module.

Table Of Contents

Contents

PROPOSAL: 2

PURPOSE: 2

PROBLEMS STATEMENT: 2

AIMS AND OBJECTIVES: 2

PROPOSED APPROACH: 3

SCOPE OF THE PROJECT: 3

TARGET AUDIENCE: 3

SOFTWARES AND HARDWARES REQUIRED: 3

PLANNING AND TIMESCALE: 3

Table Of Contents 5

Table Of Figures 6

List of Tables 6

Introduction 8

Discussion and Analysis 9

A. Website Page 1 Screenshots and wire frame 10

B. Website Page 2 Screenshots and wire frame 10

C. Website Page 3 Screenshots and wire frame 11

D. Website Page 4 Screenshots and wire frame 12

E. Website Page 5 Screenshots and wire frame 13

Research 14

Website Management 17

Conclusion 17

Bibliography 18

Appendix 19

Screenshot of HTML 22

Screenshot of CSS 24

Screenshot of JS 24

Table Of Figures

Figure 1 Wireframe page 1 10
Figure 2 Website page 1 screenshot 10
Figure 4 Website ScreenShot page 2 11
Figure 3 Wireframe page 2 11
Figure 8 Website screenshot page 4 12
Figure 5 Wire frame page 3 12
Figure 6 Website Screenshot Page 3 12
Figure 7 Wire frame page 4 12
Figure 10 Website screenshot page 5 13
Figure 9 Wireframe page 5 13
Figure 11 References website1 14
Figure 12 Refferences website 2 14
Figure 13 screenshot 19
Figure 14 screenshot 19
Figure 15 Screenshot 20
Figure 16 Screenshot 20
Figure 17 Screenshhot 21
Figure 18 Screen Shot HTML 22
Figure 19 Screen Shot HTML 22
Figure 20 Screen Shot HTML 23
Figure 21 Screen Shot HTML 23
Figure 22 Screen Shot CSSS 24

List of Tables

Table 1Pros and cons website 1 14
Table 2 Pros and cons website2 14
Table 3 Pros and cons website3 15
Table 4 Pros and cons website4 16
Table 5 Pros and cons website5 16

Introduction

The coursework is about a social website which is based on communication and for the conservation of nature.Where people can share their views of the places they visit and how crucial it is to conserve them.

Main objective about this project are:

- This is a social site so to make the world a little shorter
- To conserve Nature as its a nature base social public blog

HTML is short for HyperText Markup Language. HTML is used to create electronic documents (called pages) that are displayed on the World Wide Web. Each page contains a series of connections to other pages called hyperlinks. Every web page you see on the Internet is written using one version of HTML code or another.

CSS is the language for describing the presentation of Web pages, including colors, layout, and fonts. It allows one to adapt the presentation to different types of devices, such as large screens, small screens, or printers. CSS is independent of HTML and can be used with any XML-based markup language

The HTML <script> Tag. The <script> tag is used to define a client-side script (JavaScript). The <script> element either contains scripting statements, or it points to an external script file through the src attribute. Common uses for JavaScript are image manipulation, form validation, and dynamic changes of content

A website wireframe, also known as a page schematic or screen blueprint, is a visual guide that represents the skeletal framework of a website. Wireframes are created for the purpose of arranging elements to best accomplish a particular purpose.

Discussion and Analysis

The lectures, tutorials and the lab conducted in the college were great aid in the completion of the coursework as the basic knowledge of Hyper Text Markup language was acquired. Different types of excercises that were given throughout the classes also came to be great help as they helped to know the functionality of HTMLanguage even better.

For the webiste we need an edior a normal Notepad will do but there are other editor which make the work easy like t from the website https://www.sublimetext.com/ which includes the sublime text editor to start coding.The documentation that comes along with the downloaded product helps to utilize the environment to its full that is with the fact that a person has knowledge of HTML language

Balsamiq Mockups 3 is the application which provided a great aid to create the model gates. The web application is super user friendly and provides set of tools along with hints and tutorials that help in the graphical representation of circuits and other graphical representations.

With the help of all the tools listed above and ofcourse with the guidance of teachers the hompage was planned and the the rest of the pages were all nothing but improvisation as it has all the things a social blog should have inoreder to keep things intresting and trending.

The first page was planned to turnout somewhat like it would have a big title at the side with the nav bar along side it.And the on the next section to have atracction point so ssome elements were to be added ther.Then a little bit of introdcution and also the login page included int the first page of the website the wire frame for the the first page is shown belowWhen I went on developing the layout and the design of the first page turnout to be as planned which is also shown along with the wireframe

A. Website Page 1 Screenshots and wire frame

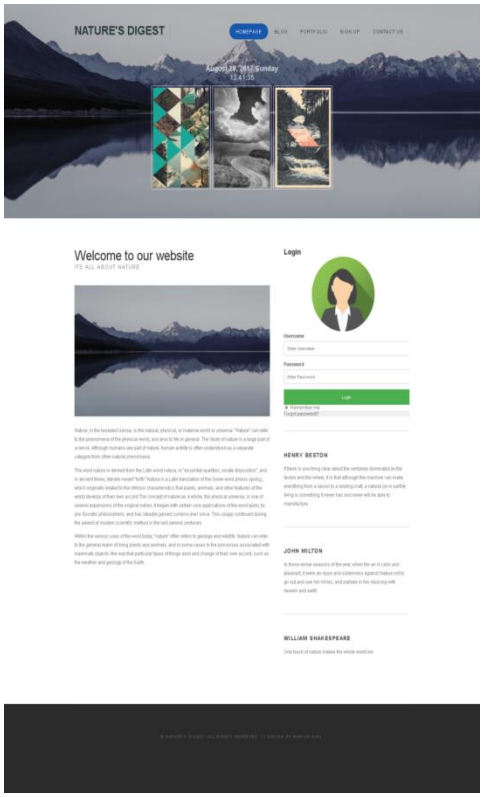


Figure 2 Website page 1 screenshot

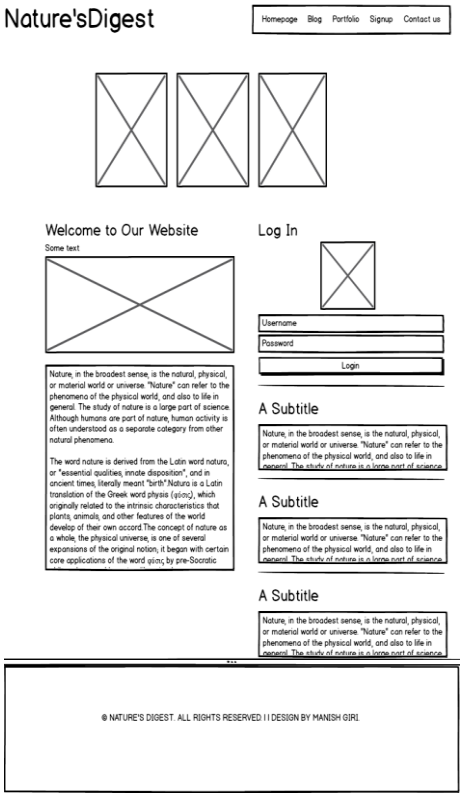


Figure 1 Wireframe page 1

B. Website Page 2 Screenshots and wire frame

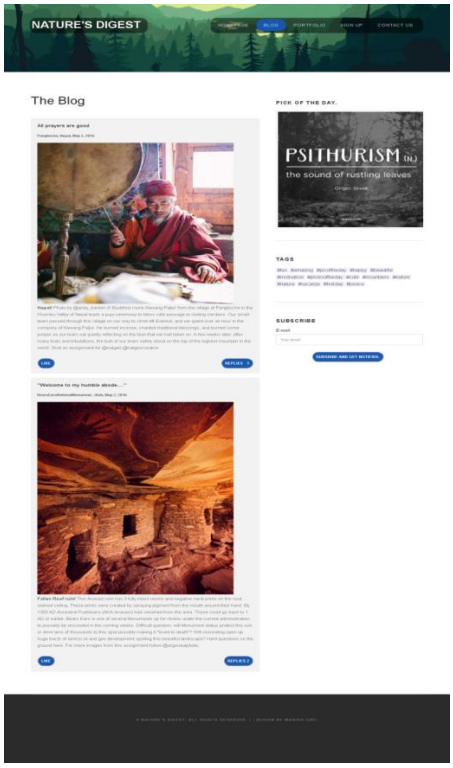


Figure 4 Website ScreenShot page 2

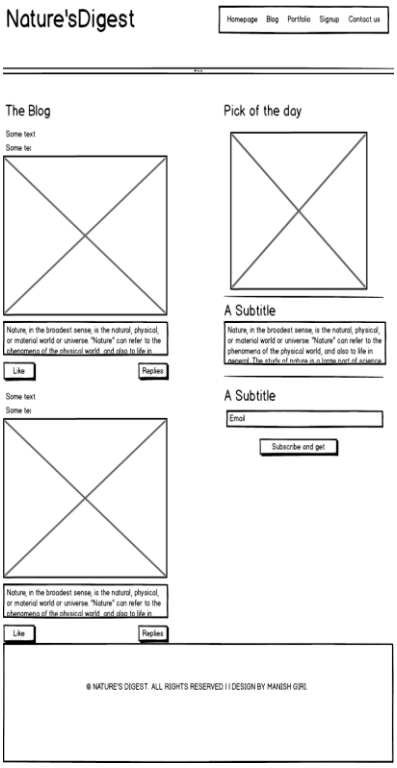
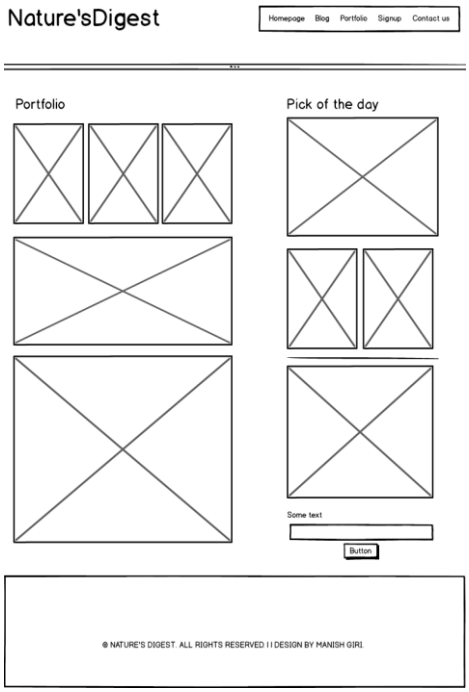


Figure 3 Wireframe page 2

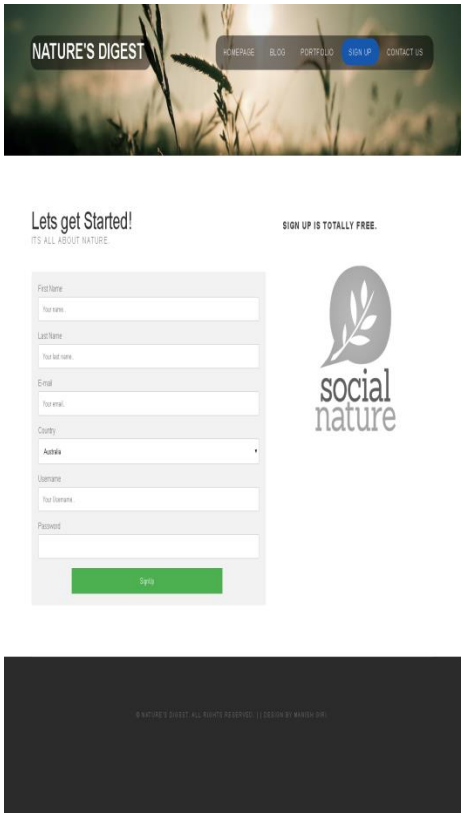


C. Website Page 3 Screenshots and wire frame

Figure 6 Website Screenshot Page 3

Figure 5 Wire frame page 3

D. Website Page 4 Screenshots and wire frame



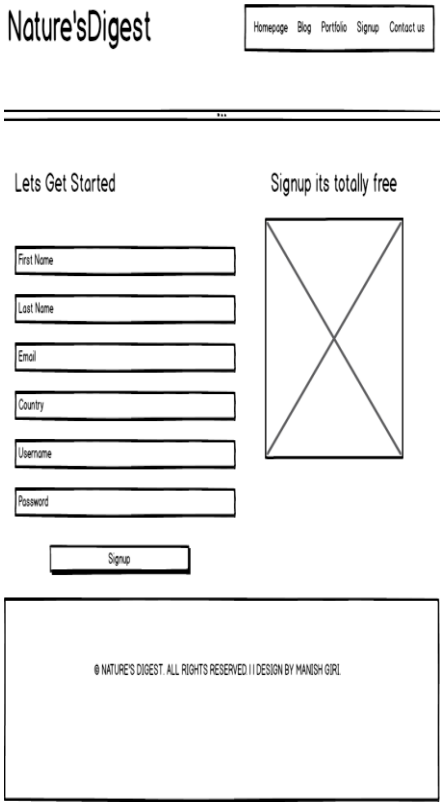


Figure 8 Website screenshot page 4

Figure 7 Wire frame page 4

E. Website Page 5 Screenshots and wire frame

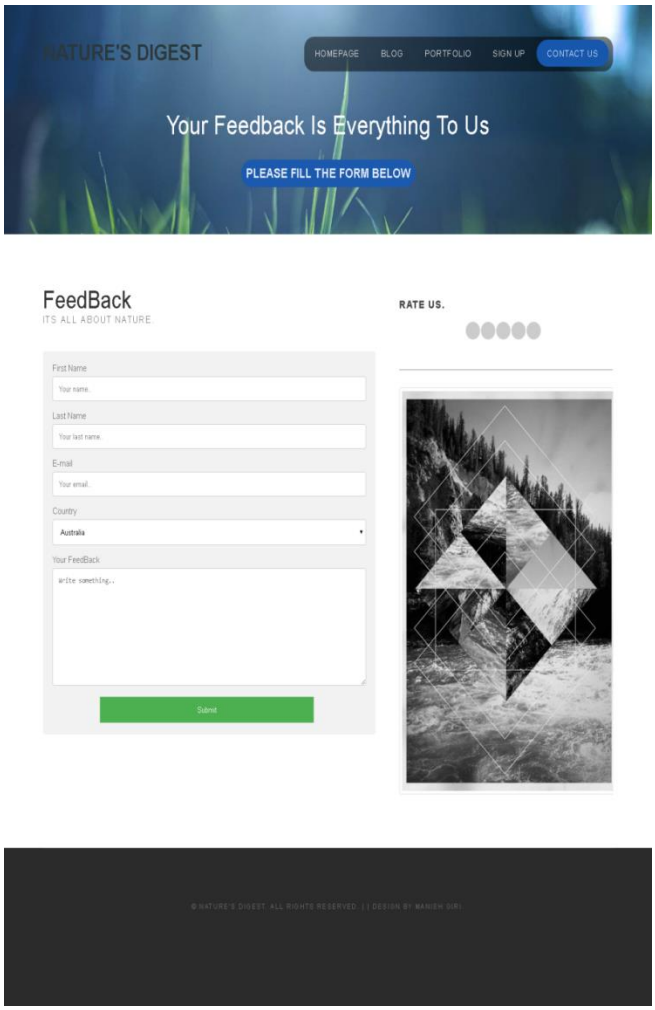


Figure 10 Website screenshot page 5

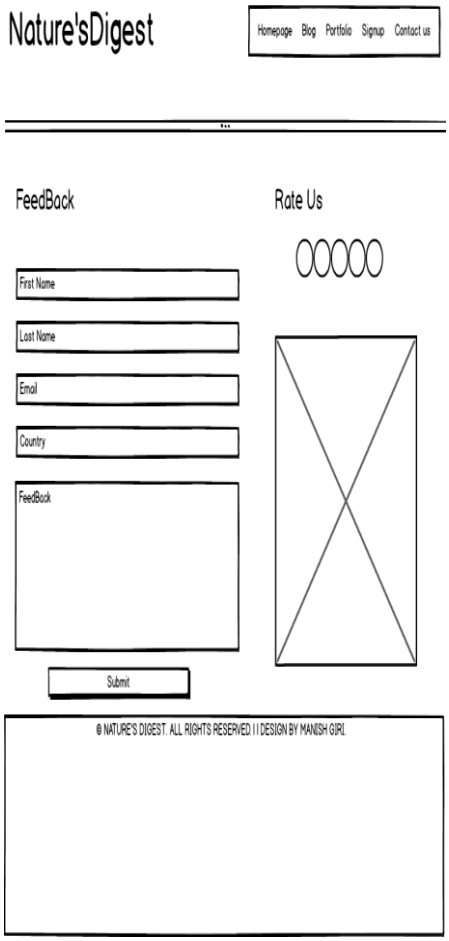


Figure 9 Wireframe page 5

Research

In order to complete the task I had research many sites to get knowledge and to take the reference to make my website. Those website really help me a lot. With the help of website I was able to find out how the layout of website should look like, what kind of contents is supposed to be there inside the website and many more things.

1. w3schools.com (https://www.w3schools.com/)

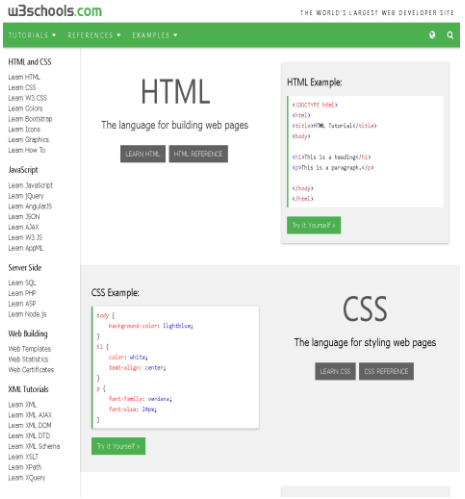


Figure 11 References website1

W3Schools is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors

Pros	Cons
The website contains almost everything theer is to learn about. The website is simple.	The website contains so many pages. People will be bored they might think that they are reading a book not a website The website is simple but it is not attractive and nicely done.

Table 1Pros and cons website 1

2. socialnature.co (https://www.socialnature.com/)

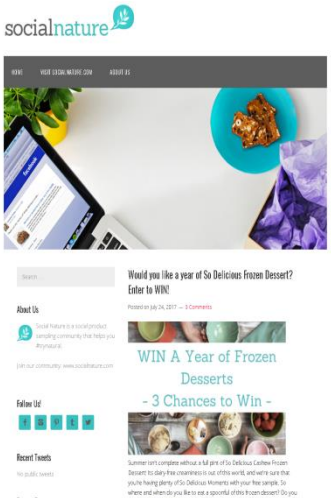


Figure 12 Refferences website 2

Table 2 Pros and cons website2

Social Nature is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors After visiting this website I came to know that this club was founded in 2012 The main goal of this website is to promote nature

Pros	Cons
The website contains almost everything theer is to learn about.	The website contains so many pages. People will be bored they might think that they are

3. computerhope.com (computerhope.com /)

computerhope is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors

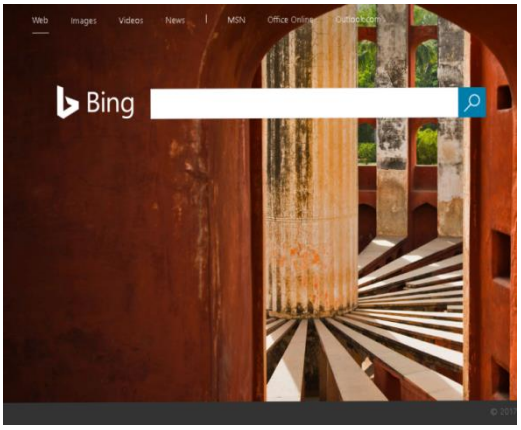
Table 3 Pros and cons website3

Pros	Cons
The website contains almost everything theer is to learn about. The website is simple.	The website contains so many pages. People will be bored they might think that they are reading a book not a website The website is simple but it is not attractive and nicely done.

4. bing.com (https://www.bing.com/)

Bing is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors After visiting this website I came to know that this club was founded in 2012 The main goal of this website is to promote nature

Pros	Cons
The website contains almost everything theer is to learn about. The website is simple.	The website contains so many pages. People will be bored they might think that they are reading a book not a website The website is simple but

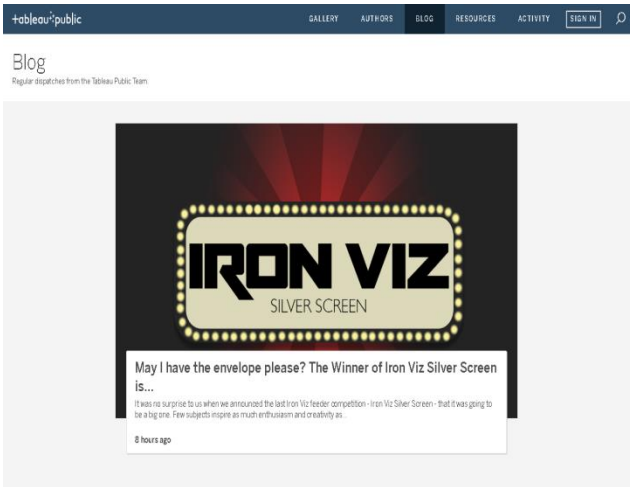


5. public.tableau.com s(https://public.tableau.com/en-us/s/blog)

Public tablaeu is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors After visiting this website I came to know that this club was founded in 2012 The main goal of this website is to promote nature

Table 4 Pros and cons website4

Table 5 Pros and cons website5



Website Management

Well the website that I made for Golden Nature's Digest b is very simple and beautiful. The website is attractive to all new viewers. Everyone will spend their time seeing the contents inside there once he/she visit the website.

This website can be the best website for all the public blog. In my view I think this website meets the requirements and goal of every blog. Unfortunately the website is not complete one there are many more to be improved. All the coding for this website is done in Sublime text3. The pictures, CSS file, JavaScript file, HTML files are kept in same folder but in different sub-folders.

Today's world is the world of technology everything should be updated with the time. So, In the future the website also has to be modified according to the time. While modifying or updating a systematic way should be taken the coding should not be misplaced or if code is changed then comments be written so that other can understand. Even if the code is changed but the Moto of the club should not be changed. The website that I have made is simple but in the future it can be more dynamic and standard.

Conclusion

With all the effort and hard work finally I am proud to say that I complete the coursework in a given time period. The coursework which is to make the website for any company or organization I had taken the responsibility to make the website for the Natures Digest. There were certain requirements which was given by the club at first honestly I was confused from where to start what to do what not to do I was in dilemma. I began to study and tried to find out the work of different codes one by one. I began to meet my module teacher daily and take the advice from them they helped me lot.

As I began to study about the HTML, CSS and JavaScript in detail I became friendly and comfortable with the codes. Beside that the work given by our module teacher helped me a lot to compete the task. I wrote all the codes in notepad ++ and see the result in web browser whenever there is mistake I just try to figure out the problem consult with my module teacher and correct the problem.

Keeping in my mind the requirements of the club I made exactly what they said and finally feel proud to say that I did my work in a good way. The style, font etc. are very well managed people will get the exact information what the website is trying to say. There are five pages inside the website and each page has their own features and meaning. The style and color for every page is different JavaScript is done in last two page to pop up the message to the people.

Bibliography

Anon., n.d. *Brampton*. [Online] Available at: https://www.google.com.np/url?sa=t&rct=j&q=&esrc=s&source=web&cd=10&cad=rja&uact=8&ved=0ahUKEwjWmpzGpOjVAhWLpo8KHewPDtwQFghrMAk&url=https%3A%2F%2Fwww.bramptoncyclingclub.com%2F&usg=AFQjCNFfEKXQimzGmhpNXtjJ4y4GpxcUag.

Anon., n.d. *British Cycling Club*. [Online] Available at: https://www.google.com.np/url?sa=t&rct=j&q=&esrc=s&source=web&cd=5&cad=rja&uact=8&ved=0ahUKEwjWmpzGpOjVAhWLpo8KHewPDtwQFghPMAQ&url=https%3A%2F%2Fwww.britishcycling.org.uk%2Fclubs&usg=AFQjCNFo8h6F8I16iySMzKJZa_JHE1MZ_g.

Anon., n.d. *draw.io*. [Online] Available at: https://www.draw.io/.

Anon., n.d. *logo maker*. [Online] Available at: https://www.tailorbrands.com/?utm_source=bing&utm_medium=cpc&utm_campaign=US%20Generic%20-%20DT%20E&utm_term=online%20logo%20maker&utm_content=Online%20Logo%20Maker%20US%20-%20E.

Anon., n.d. *San francisco club*. [Online] Available at: http://www.sfcyclingclub.org/.

Appendix

Homepage:

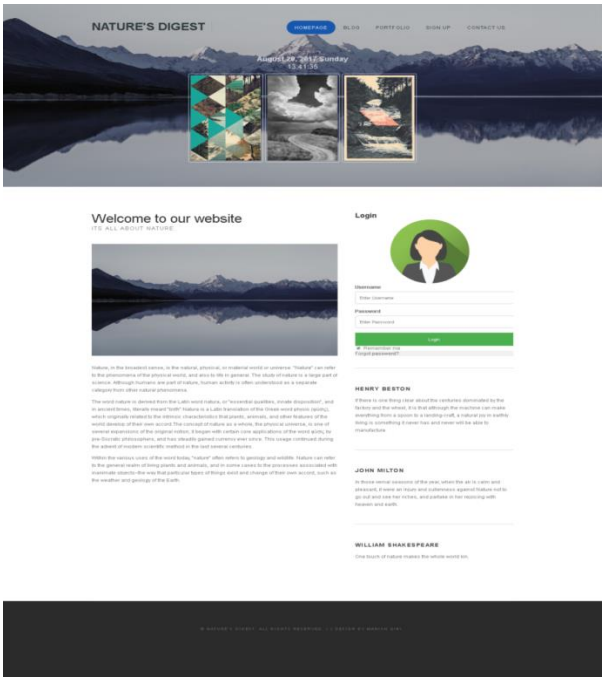


Figure 13 screenshot

Blog:

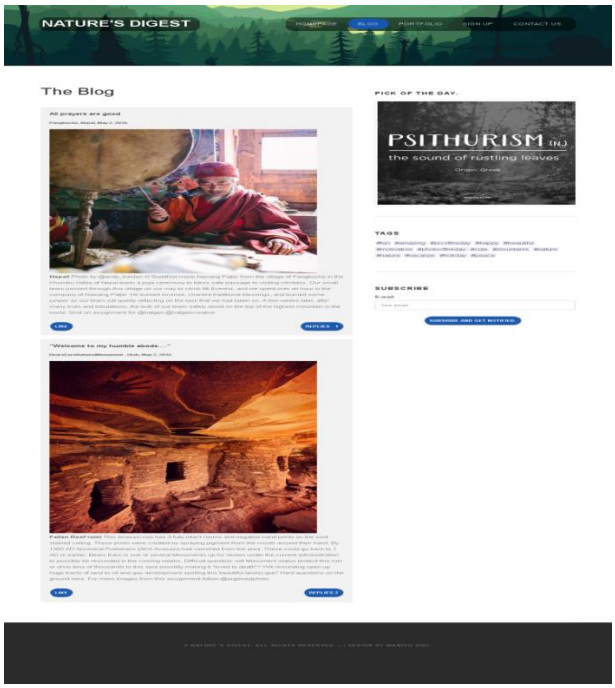


Figure 14 screenshot

Portfolio:

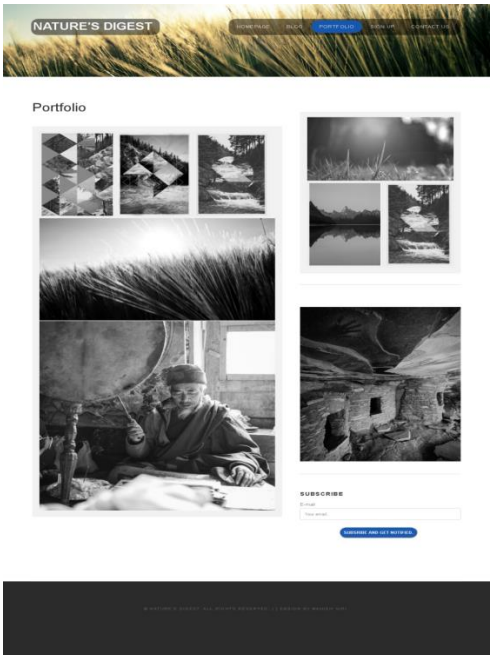


Figure 15 Screenshot

Signup:

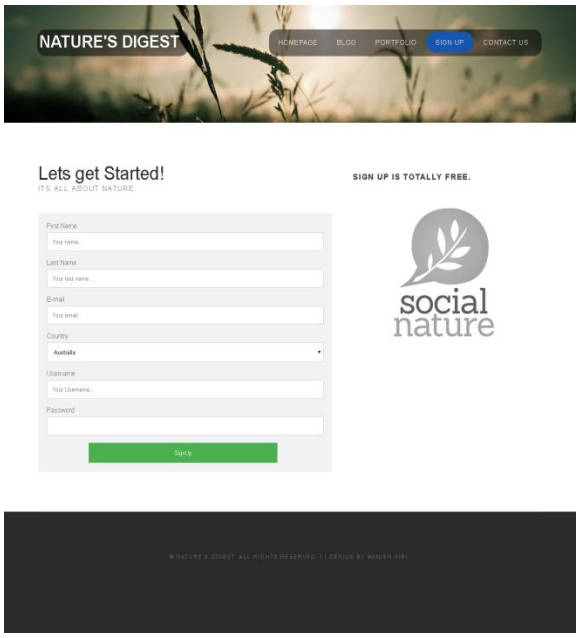


Figure 16 Screenshot

Cotact Us:

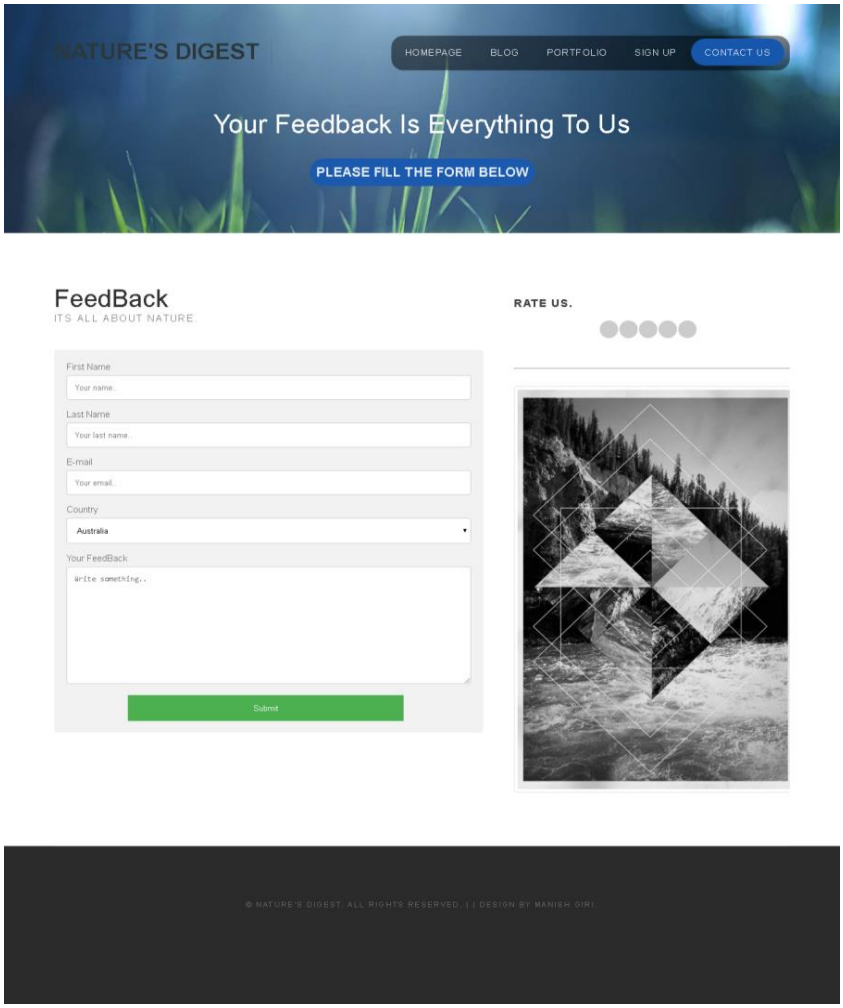
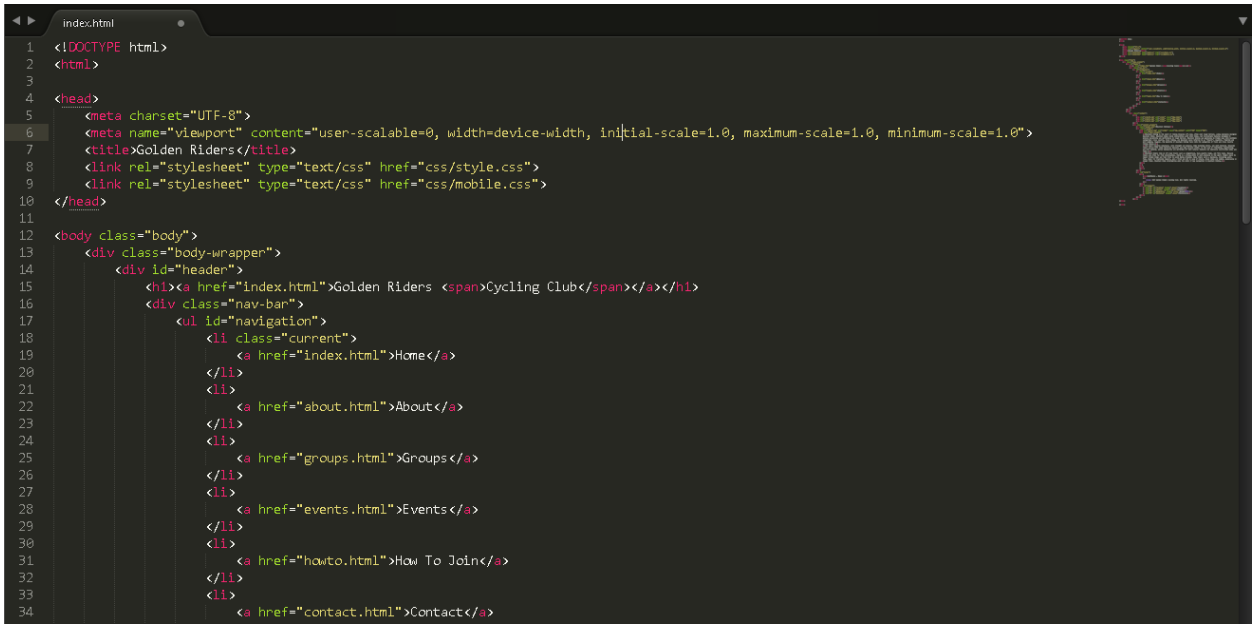


Figure 17 Screenshhot

Screenshot of HTML

Homepage



```
<!DOCTYPE html>
<html>

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="user-scalable=0, width=device-width, initial-scale=1.0, maximum-scale=1.0, minimum-scale=1.0">
    <title>Golden Riders</title>
    <link rel="stylesheet" type="text/css" href="css/style.css">
    <link rel="stylesheet" type="text/css" href="css/mobile.css">
</head>

<body class="body">
    <div class="body-wrapper">
        <div id="header">
            <h1><a href="index.html">Golden Riders <span>Cycling Club</span></a></h1>
            <div class="nav-bar">
                <ul id="navigation">
                    <li class="current">
                        <a href="index.html">Home</a>
                    </li>
                    <li>
                        <a href="about.html">About</a>
                    </li>
                    <li>
                        <a href="groups.html">Groups</a>
                    </li>
                    <li>
                        <a href="events.html">Events</a>
                    </li>
                    <li>
                        <a href="howto.html">How To Join</a>
                    </li>
                    <li>
                        <a href="contact.html">Contact</a>
```

Figure 18 Screen Shot HTML

Blogpage:

```
<!DOCTYPE html>
<!--
Author       : Manish Giri
Description: A two-column, fixed-width design with dark color scheme.



-->
<html xmlns="">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Home| Blog</title>
<meta name="keywords" content="" />
<meta name="description" content="" />

<link href="default.css" rel="stylesheet" type="text/css" media="all" />



</head>
<body>
<div id="header-wrapper2">
  <div id="header" class="container">
    <div id="logo">
    <div class="hd-wrapper1">
      <h1><a href="#" style="color:white">Nature's Digest</a></h1>
      </div>
    </div>
```

Figure 19 Screen Shot HTML

Portfolio

```
portfolio.html
<!DOCTYPE html>
<!--
Author       : Manish Giri
Description: A two-column, fixed-width design with dark color scheme.


-->
<html xmlns="">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Home| Portfolio</title>
<meta name="keywords" content="" />
<meta name="description" content="" />

<link href="default.css" rel="stylesheet" type="text/css" media="all" />



</head>
<body>
<div id="header-wrapper3">
    <div id="header" class="container">
        <div id="logo">
        <div class="hd-wrapper1">
            <h1><a href="#" style="color:white">Nature's Digest</a></h1>
            </div>
        </div>
        <div id="menu">
```

Figure 20 Screen Shot HTML

Signup:

```
signup.html
<!DOCTYPE html>
<!--
Author       : Manish Giri
Description: A two-column, fixed-width design with dark color scheme.


-->
<html xmlns="">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Home| Sign Up</title>
<meta name="keywords" content="" />
<meta name="description" content="" />

<link href="default.css" rel="stylesheet" type="text/css" media="all" />



</head>
<body>
<div id="header-wrapper4">
    <div id="header" class="container">
        <div id="logo">
        <div class="hd-wrapper1">
            <h1><a href="#" style="color:white">Nature's Digest</a></h1>
            </div>
        </div>
        <div id="menu">
        <div class="title-wrapper2">
```

Figure 21 Screen Shot HTML

Contact us:

```
contact.html
<!DOCTYPE html>
<!--
Author       : Manish Giri
Description: A two-column, fixed-width design with dark color scheme.


-->
<html xmlns="">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Home| Contact Us</title>
<meta name="keywords" content="" />
<meta name="description" content="" />
```

Screenshot of CSS

default.css

```css
html, body
{
    height: 100%;
}

body
{
    margin: 0px;
    padding: 0px;
    background: #2b2b2b;
    font-family: 'Source Sans Pro', sans-serif;
    font-size: 11pt;
    font-weight: 300;
    color: #6c6c6c
}

h1, h2, h3
{
    margin: 0;
    padding: 0;
    font-weight: 600;
    color: #454445;
}

p, ol, ul
{
    margin-top: 0;
}

ol, ul
{
    padding: 0;
    list-style: none;
}

p
```

Figure 22 Screen Shot CSSS

Screenshot of JS

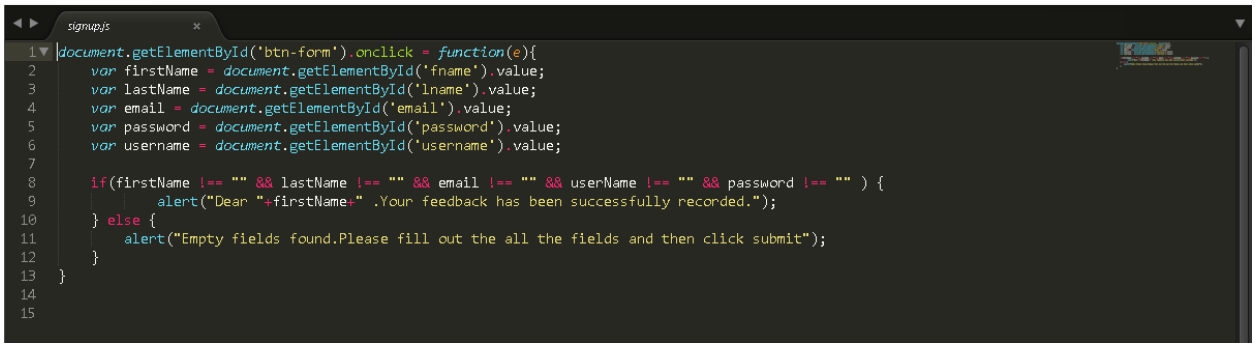
naturesdigest.js

```javascript
function displayDate(){
var now=new Date();
var today=now.getDate();
var month=now.getMonth();

var monthname=new Array(12)
monthname[0]="January ";
monthname[1]="February ";
monthname[2]="March ";
monthname[3]="April ";
monthname[4]="May ";
monthname[5]="June ";
monthname[6]="July ";
monthname[7]="August ";
monthname[8]="Septmber ";
monthname[9]="October ";
monthname[10]="November ";
monthname[11]="December ";

var year=now.getFullYear();
var day=now.getDay();
```

blog.js

```
document.getElementById('myBtn').onclick = function() {

    if (document.getElementById('comment1').style.display === "block") {
        document.getElementById('comment1').style.display = 'none';
    } else {
        document.getElementById('comment1').style.display = 'block';
    }

}


document.getElementById('repsec').onclick = function() {

    if (document.getElementById('comment2').style.display === "block") {
        document.getElementById('comment2').style.display = 'none';
    } else {
        document.getElementById('comment2').style.display = 'block';
    }

}

document.getElementById('likebutton').onclick = function() {

```

signup.js



```
document.getElementById('btn-form').onclick = function(e){
    var firstName = document.getElementById('fname').value;
    var lastName = document.getElementById('lname').value;
    var email = document.getElementById('email').value;
    var password = document.getElementById('password').value;
    var username = document.getElementById('username').value;

    if(firstName !== "" && lastName !== "" && email !== "" && userName !== "" && password !== "" ) {
            alert("Dear "+firstName+" .Your feedback has been successfully recorded.");
    } else {
        alert("Empty fields found.Please fill out the all the fields and then click submit");
    }
}
```

Contact.js

contact.js

```
document.getElementById('btn-form').onclick = function(e){
    var firstName = document.getElementById('fname').value;
    var lastName = document.getElementById('lname').value;
    var email = document.getElementById('email').value;
    var feedback = document.getElementById('feedback').value;
    if(firstName !== "" && lastName !== "" && email !== "" && feedback !== "") {
            alert("Dear "+firstName+" .Your feedback has been successfully recorded.");
    } else {
        alert("Empty fields found.Please fill out the all the fields and then click submit");
    }
}

document.getElementById('stay1').onclick = function(e){
var d1 = document.getElementById("stay1");
d1.className += "ratetit";
}

document.getElementById('stay2').onclick = function(e){
var d2 = document.getElementById("stay2");
d2.className += "ratetit";
}

document.getElementById('stay3').onclick = function(e){
var d3 = document.getElementById("stay3");
d3.className += "ratetit";
}

document.getElementById('stay4').onclick = function(e){
var d4 = document.getElementById("stay4");
d4.className += "ratetit";
}

```